

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): Device for the combustion of gas containing hydrocarbons that can be burned in the presence of air, in which the fuel gas arrives by a central supply (1) comprising a gas supply tube situated along the axis of a body forming a venturi (2), wherein the venturi (2) comprises an upstream conical converging part (3), an intermediate cylindrical neck part (4) and a downstream conical diverging part (5), ~~characterized in that~~ wherein a plurality of gas supply tubes (6) are arranged in at least one ring around the central supply (1), at least the ends of the gas supply tubes (6) having their axes diverging from the central supply tube (1) and appreciably parallel to a wall of the downstream conical diverging part (5), wherein the central tube extends into the converging part up to a point situated at the level of the juncture of the converging part (3) and the neck (4), and wherein the gas supply tubes (6) extend at the same depth which can be the same as or less than the depth of penetration of the central tube (1).

2. (previously presented): Device according to claim 1, characterized in that each of the annularly arranged gas supply tubes (6) is sized in such a way that it can carry between 1% and 33% of said gas.

3. (previously presented): Device according to claim 1, characterized in that the diameter of the central tube (1) is different in diameter than the annularly arranged tubes (6).

4. (previously presented): Device according to claim 2, characterized in that each of the annularly arranged gas supply tubes (6) is sized in such a way that it can carry between 5% and 33% of said gas.

5. (previously presented): Device according to claim 3, characterized in that the diameter of the central tube (1) is greater in diameter than the annularly arranged tubes (6).

6. (canceled).